

Substitute form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	09/463,352
Filing Date	1/21/00
First Named Inventor	Goudsmit
Group Art Unit	1655
Examiner Name	B. Sisson
Attorney Docket Number	9310.2

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
BSZ	1	6,001,558		Backus et al.	12/14/99	

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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T

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Examiner Signature	<i>B. Sisson</i>	Date Considered	12-15-02
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket Number 9310-22CX

Serial No.  
09/463,352

LIST OF DOCUMENTS CITED BY APPLICANT

(Use several sheets if necessary)

Applicants: Goudsmit et al.

Filing Date: January 21, 2000

Group  
1634

## U. S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
BJA	1.	5,576,176	11/19/1996	Adams et al.			
BJA	17.	5,629,413	05/13/1997	Peterson et al.			

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		Document Number	Date	Country	Class	Subclass	Translation Yes   No
BJA	2.	EP 0 887 427 A2	12/30/1998	EPO			
	3.	EP 0 727 497 A1	08/21/1996	EPO			
	4.	EP 0 617 132 A3	09/28/1994	EPO			
	18. ✓	EP 0 402 997 A3	12/19/1990	EPO			
	19. ✓	EP 0 331 939 A3	09/13/1989	EPO			
BJA	20. ✓	WO 91/10746	07/25/1991	PCT			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BJA	5.	Bell and Ratner "Specificity of Polymerase Chain Amplification Reactions for Human Immunodeficiency Virus Type 1 DNA Sequences" <i>AIDS Research and Human Retroviruses</i> 5(1):87-95 (1989)
	6.	Böni et al. "PCR Identification of HIV-1 DNA Sequences in Brain Tissue of Patients with AIDS Encephalopathy" <i>Neurology</i> 43:1813-1817 (1993)
	7.	Goto et al. "Detection of Proviral Sequences in Saliva of Patients Infected with Human Immunodeficiency Virus Type 1" <i>AIDS Research and Human Retroviruses</i> 7(3):343-347 (1991)
	8.	Karikó "Identification of Conserved Sequences for PCR Primer Design by Multiple Alignments of Dot Matrix Plots" <i>BioTechniques</i> 18(6):1048-1049 (1995)
	9.	Map of 5' LTR from HIV-1 reference genome (GenBank Accession No. K03455)
	10.	Oehlenschläger et al. "Detection of HIV-1 RNA by Nucleic Acid Sequence-Based Amplification Combined with Fluorescence Correlation Spectroscopy" <i>Proc. Natl. Acad. Sci. USA</i> 93:12811-12816 (1996)
	11.	Scientific Report on Computer Analysis of the Alignment of the HIV LTR Sequence from the December 1996 Edition of the Human Retroviruses and AIDS Compendium published by the Los Alamos National Laboratory, New Mexico
BJA	12.	Reverts et al. "Comparative Evaluation of NASBA HIV-1 RNA QT, AMPLICOR-HIV Monitor, and QUANTIPLEX HIV RNA Assay, Three Methods for Quantification of Human Immunodeficiency Virus Type 1 RNA in Plasma" <i>Journal of Clinical Microbiology</i> 34(5):1058-1064 (1996)

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DATE CONSIDERED

11/21/04

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Patent and Trademark Office

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(Use several sheets if necessary)

Applicants: Goudsmit et al.

Filing Date: January 21, 2000

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| BPL | 13. | LTR alignment from the December 1996 Edition of the Human Retroviruses and AIDS Compendium published by the Los Alamos National Laboratory, New Mexico                    |
| I   | 14. | Partial gag alignment from the December 1996 Edition of the Human Retroviruses and AIDS Compendium published by the Los Alamos National Laboratory, New Mexico            |
| I   | 15. | Van Gemen et al. "Quantification of HIV-1 RNA in Plasma Using NASBA <sup>TM</sup> During HIV-1 Primary Infection" <i>Journal of Virological Methods</i> 43:177-188 (1993) |
| BPL | 16. | File history of European patent application serial number EP 98943872.6, filed August 5, 1998   |

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11/21/04

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INFORMATION DISCLOSURE CITATION  PTO-1449	Attorney Docket No.	Serial No.
	T/97300 US	09/463,352
	Applicant GOUDSMIT ET AL.	
	Filing Date JANUARY 21, 2000	Group 1655



### U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
AA						
AB						
AC						
AD						
AE						

### FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Translation
AF	0 617 132	09/28/94	EP	
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AI				

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B&A	AJ	TEGLBJAERG ET AL., "Sensitive non-radioactive detection of HIV-1: use of nested primers for the amplification of HIV DNA" Molecular and Cellular Probes (1992) 6: p. 175-180
	AK	"Quantification of HIV-1 Using Multiple Competitors in a Single-Tube Assay" BioTechniques, vol. 21, no. 2 (1996) p. 248-255
	AL	ZAZZI ET AL., "Nested Polymerase Chain Reaction for Detection of Human Immunodeficiency Virus Type 1 DNA in Clinical Specimens" Journal of Medical Virology 32: (1992) p. 172-174
	AM	ENGELBRECHT ET AL., "Detection of Southern African human immunodeficiency virus type 1 subtypes by polymerase chain reaction: evaluation of different primer pairs and conditions" Journal of Virological Methods, 55 (1995) p. 391-400
	AN	INNOCENTI ET AL., "HIV-1 in Blood Monocytes: Frequency of Detection of Proviral DNA using PCR and Comparison with the Total CD4 Count" AIDS Research and Human Retroviruses, vol. 8, no. 2, (1992) p. 261-268
	AO	OTTMANN ET AL., "The Polymerase chain reaction for the detection of HIV-1 genome RNA in plasma from infected individuals" Journal of Virological Methods, 31 (1991) p. 273-284
	AP	QUIROS ET AL., "Human immunodeficiency virus type-1 can be detected in monocytes by polymerase chain reaction" J. Med. Microbiol., vol. 42, (1995) p. 411-414
B&A	AQ	MCCUTCHAN ET AL., "Genetic Comparison of Human immunodeficiency Virus (HIV-1) Isolates by Polymerase Chain Reaction" Journal of Acquired Immune Deficiency Syndrome 4, (1991) p. 1241-1250
	AR	

Examiner B. & L. Simon	Date Considered 2/9/01
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